

**GOVERNMENT OF ANDHRA PRADESH**  
**ABSTRACT**

**RWS&S** – Execution of RWS Projects- Methodology for preparation of estimates of all RWS works both MVS and SVS by 3<sup>rd</sup> Party – Modalities and Detailed Procedures to be followed for calling Tenders – Permission - Accorded – Orders - Issued.

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**PANCHAYAT RAJ AND RURAL DEVELOPMENT (RWS II) DEPARTMENT**

**G.O. Rt. No. 1583**

**Dated:27 -08-2012**  
**Read the following :-**

- 1) From the ENC, RWS&S, Hyd. Lr.No.T1/DEE(T)/TOR-Third party estimates/2012, Dated 11.07.2012.
- 2) Govt.Memo.No.16605/RWS.II/A2/2012,Dated:25.07.2012of PR&RD(RWS.II)Department.
- 3) 2) From the ENC, RWS&S, Hyd. Lr.No.T1/DEE(T)/TOR-Third party estimates/2012, Dated 06.08.2012.

**O R D E R:-**

In the references 1<sup>st</sup> and 3<sup>rd</sup> read above the Engineer-in-chief, Rural Water Supply and Sanitation Department, Hyderabad has stated that a committee was formed to arrive at a standard document or methodology for preparation of estimates of RWS works through 3<sup>rd</sup> party. Accordingly the committee discussed and reviewed on preparation of Terms of Reference for utilizing the services of consultants for engineering support and to prepare the DPR for Multi Village Schemes and detailed scheme reports for Single Village Schemes. After detailed discussions Draft Terms of Reference (ToRs) are prepared for Multi Village Schemes (MVS) and single village schemes (SVS) with following:

**A. SVS Schemes:**

The committee discussed and reviewed the existing system followed in the World Bank Projects. The present system followed in the World Bank Projects for outsourcing the preparation of estimates for Single Village is as detailed below:

The Maximum ceiling on the total cost per habitation for engineering support activities:

- i. For habitations having population between 0-1000 =Rs.30,000-00.
- ii. For habitations having population between 1001-2000=Rs.35,000-00.
- iii. For habitations having population above 2000 =Rs.40,000-00.

The Committee after detailed discussions opined that, the system followed in the World Bank projects is reasonable and can be adopted for the works to be taken up under various grants.

**B. MVS Schemes:**

The committee studied the different systems followed in the World Bank Projects, Public Health Department, CPWD and the guidelines for Urban Infrastructure Development Scheme for Small and Medium Towns (UIDSSMT) issued by Ministry of Urban Development, Government of India and the details are as below:

- i. As per the Guidelines for UIDSSMT, the incentive for the preparation of detailed project is 1.5%.
- ii. The charges on CPWD Works for preparation of estimates is 1.75%.
- iii. The Public Health Department of AP is following the guidelines for UIDSSMT for the preparation of Detailed Project, i.e., 1.5%.

(p.t.o)

The committee after detailed discussions opined that, the maximum ceiling amount on the total cost for engineering support activities of MVS Schemes can be fixed based on the following parameters:

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| i. Rate for Source and Head Works                                  | :Rs.50,000-00    |
| ii. Rate for Habitations with OHSR,<br>Distribution Networks, etc. | : Rs.20,000-00   |
| iii. Rate for Pumping 7 Transmission Lines                         | :Rs.3,000-00/Km. |
2. With the above modalities, the tentative cost for outsourcing for preparation of estimates of MVS, Works out to 0.50-1% of the Total cost of the Project depending upon the provisions.
3. Further, he has stated that the detailed procedures to be followed for calling tenders for Engineering support activities.
4. Therefore, the ENC, RWS&S, Hyderabad, has requested the Government for approval of the above Modalities and Detailed Procedures to be followed for calling Tenders for Engineering Support Activities and preparation of the DPR for Multi Village Schemes and DSR (Detailed Scheme Report) for Single Village Schemes through outsourcing for adoption under various grants.
5. The Government after careful examination of the request of the Engineer-in-Chief, Rural Water Supply and Sanitation Department, Hyderabad, hereby approved the above Modalities and Detailed Procedures to be followed for calling Tenders for Engineering Support Activities as Annexured in this Order and preparation of the DPR for Multi Village Schemes and DSR (Detailed Scheme Report) for Single Village Schemes through outsourcing for adoption under various grants subject to adopting the above procedure to the Schemes, wherever work load to the respective Engineering staff is more beyond to his regular duties and wherever necessity arises.
6. The Engineer-in-Chief, Rural Water Supply and Sanitation Department, Hyderabad, shall take necessary action in the matter and to intimate to all the concerned under his control. He shall also issue detailed instructions on qualifications needed for different types of jobs. Qualifications shall include technical qualification of consultant(s), and work experience, ie, period and value.
7. Since the idea of going for 3<sup>rd</sup> party estimates preparation is to expedite work along with utilizing of latest techniques and methodologies, the 3<sup>rd</sup> party consultant shall invariably utilize latest techniques to make the most efficient and cost effective design. Various options available shall be informed to the Engineer-in-Charge of Technical approval, their pros and cons discussed and the most cost effective option arrived at. For this evaluation not only capital cost but the O&M cost over the life – period of the scheme shall also be considered. Similarly, case of O&M will also be one of the criteria for finalizing any particular design. Sustainability shall be necessarily ensured. While designing big MVS schemes, option of going for multiple small schemes for a smaller cluster of villagers shall be examined, wherever multiple or extended sources are available. All RFPs/Eols and agreements shall include above issues in addition to any others deemed necessary.
8. As a matter of Good Governance, consultants associated with design should not associate with either execution or quality control of the same schemes. The ENC may take undertaking to this effect from the consultants.
9. Separate Administrative approval shall be taken for each such 3<sup>rd</sup> party design works.

10. A copy of this order is available on the internet and can be accessed at the address – <http://www.ap.gov.in/goir>

**(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)**

**VIKAS RAJ,  
SECRETARY TO GOVERNMENT**

**To**

The Engineer-in-Chief, Rural Water Supply and Sanitation Department, Hyderabad.(we)

The Accountant General, AP, Hyderabad. (we)

The Senior Dy. Accountant General, (LABA), O/o Accountant General, AP, Hyderabad(we).

The Director of Accounts, Works and Project, M.J.Road, Nampally, Hyderabad (we).

**Copy to:**

The Secretary, DDWS, GOI, New Delhi .(we).

P.S. to M (PR&RWS) .(we).

P.S. to Secy( RWS&S ) (we).

RWS-I, RWS-II-A, RWS-III Sections in this Department (we).

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//FORWARDED BY ORDER//

SECTION OFFICER

**ANNEXURE to GORt.NO. 1583 PR&RD(RWS.II)Dept., Dated 27-08-2012**

**Procedure to be followed for calling Tenders for outsourcing for Preparation of estimates of MVS & SVS Works**

- The Superintending Engineer of respective Districts shall issue Expression of interest (EOI) for Providing Engineering services for Investigation, Design and Detailed Engineering of the project, preparation of Detailed Project Report in Multi Village Scheme/Single Village Scheme habitations.
- The Interested consultants must provide information indicating that they are qualified to perform the services.
- The Consultants may associate to enhance their qualifications. The “Association” may take the form of a joint venture.
- The Superintending Engineer will evaluate the Consultants based on the qualifications submitted through Expression of Interest.
- The short listed Consultants will be issued Request for Proposal (RFP) Technical and Financial Documents and will be invited to submit their Technical and Financial Proposals for consulting services required for the assignment.
- The Consultants have to submit their proposals to the Superintending Engineer in Cover-A (Technical Proposal) and Cover-B (Financial Proposal) placed in Cover-C. The technical proposals will be opened first and evaluated. Proposals scoring less than minimum qualifying marks will be rejected, and the financial envelopes of the rest will be opened in the public. The Consultant with lowest financial proposal will be invited for award of the contract.
- The Superintending Engineer shall award the Contract to the selected consultant, and promptly notify all Consultants who have submitted proposals. After Contract signature, the Superintending Engineer shall return the unopened Financial Proposals to the unsuccessful Consultants.
- The Consultants have to deposit EMD (Earnest Money Deposit) of 2% of Estimated Contract Value (ECV) of the Contract at the time of submission of their proposals in the name of Superintending Engineer, RWS&S.
- The Successful bidder shall pay FSD (Further Security Deposit) of 3% of Tendered Contract Value in the name of Superintending Engineer, RWS&S, at the time of entering into the Agreement.
- Liquidity Damages @ 0.5% of the contract value will be levied per day, if the time schedule (Milestones) stipulated could not be adhered to by the agency.
- The Consultant should execute the assigned work in consultation with the Engineer-in-Charge, take signature on output sheet (levels sheet, designs, estimates etc.) and obtain certificate after completion of the work.

**VIKAS RAJ,  
SECRETARY TO GOVERNMENT**

**//FORWARDED BY ORDER//**

**SECTION OFFICER**